

CLAIMS

1. A hair cutting head, for use in a hair cutting apparatus and having a portion adapted for contacting an area of skin having hair, the head comprising:

5 a) at least two rows of elongate skin depressing elements defining an opening in the structure;

b) an elongate element situated in the opening and capable of producing heat sufficient to cut hair, when electrified; and

c) a base on which the elements of the head are mounted,

10 wherein long axes of the skin depressing elements are pointed generally toward the center of the opening.

2. A head according to claim 1 wherein the long axes make an angle of less than about 20 degrees with a plane defined by the opening.

15 3. A head according to claim 1 or claim 2 wherein the two or more skin depressing elements are separated by a gap in which the elongate element is located.

4. A head according to any of claims 1-3 and including:

20 one or more position adjuster mechanisms juxtaposed between the frame and the structure.

5. A hair cutting head, for use in a hair cutting apparatus and having a portion adapted for contacting an area of skin having hair, the head comprising:

25 a) a positionally adjustable frame moveably mounted on the structure;

b) a heat-generating elongate element capable of producing heat sufficient to cut hair, mounted on the frame near the opening; and

c) one or more position adjuster mechanisms juxtaposed between the frame and the structure.

30 6. A head according to claim 4 or claim 5, wherein the one or more adjuster mechanisms adjust the overall position of the wire with respect to the opening.

7. A head according to any of claims 4-6, wherein the one or more adjuster mechanisms adjusts the angle of the wire with respect to the plane of the opening.

5 8. A head according to any of the preceding claims wherein the elongate element is a wire.

9. A head according to any of claims 1-8 wherein the head also includes at least two mounting pins suitable for mounting the head in a hair cutting apparatus said pins being electrically connected to said elongate element.

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10. A hair cutting apparatus including:

a head according to any of the preceding claims;

a power source operative to heat the elongate elements to a temperature sufficient to cut hair.

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11. Apparatus according to claim 10, wherein the head also includes at least two mounting pins electrically connected to said elongate element and wherein the apparatus includes matching mounting sockets, electrically connected to said source.

20 12. Apparatus according claim 10 or claim 11 and including a housing and also including means for vibrating the elongate element in a direction perpendicular to a long dimension thereof.

13. Apparatus according to claim 12 wherein the means for vibrating is operative to vibrate  
25 the head with a motion causing said vibration of the elongate element.

14. Apparatus according to any of claims 10-14, wherein the apparatus is a hand held apparatus adapted to be pressed against the skin of a user and cut hair on said skin.